

**ORANGE COUNTY EMS AGENCY
PARAMEDIC PHARMACOLOGY HANDBOOK**

MEDICATION: SODIUM CHLORIDE 0.9% (Normal Saline)	ADULT DOSE	PEDIATRIC DOSE	SIDE EFFECTS	PRECAUTIONS/COMMENTS
<p>CLASSIFICATION:</p> <p>Parenteral water and sodium chloride supplement</p> <p>MECHANISM OF ACTION:</p> <ul style="list-style-type: none"> Isotonic solution of sodium chloride in water. <p>INDICATIONS:</p> <ul style="list-style-type: none"> Volume expansion. Diluting/dissolving drugs. Flushing IV catheters. Nebulized saline for croup. <p>DOSAGE FORMS:</p> <ul style="list-style-type: none"> 250 ml bags for IV infusion 1000 ml bags for IV infusion 10 ml prefilled syringe or vial 	<ul style="list-style-type: none"> Titrate to perfusion, maximum 2 liters prior to BH contact. 	<ul style="list-style-type: none"> Titrate to perfusion, maximum 20 ml/kg, repeated once prior to BH contact. May use nebulized saline for croup. 	<ul style="list-style-type: none"> Hypernatremia Volume overload 	<ul style="list-style-type: none"> Use with caution in patients with renal impairment to avoid volume overload. Use with caution in patients with congestive heart failure or liver disease. Bacteriostatic sodium chloride injection should be avoided in neonates.